

Claims

Sub a1
1. An attachment for a spiral saw power tool, comprising:

a first attachment portion, adapted to be secured to a forward portion of a spiral saw power tool in which a spiral saw bit is mountable, wherein when the first attachment portion is in place on the power tool, the tip of a cutting portion of the spiral saw bit extends beyond the forward end of the first attachment portion by a distance at least equal to that of the thickness of the workpiece to be cut by the spiral saw; and

a dust exit member communicating with the interior of the first attachment portion, said dust exit member extending away from a side surface of the first attachment portion, wherein dust generated during use of the tool is substantially collected within the first attachment portion and then moved out from the interior thereof through the dust exit member by a vacuum device connectable to the dust exit member, such that dust can continue to collect within the attachment portion without affecting the operation of the tool.

Sub D1
2. An article of claim 1, wherein said first attachment portion is arranged so that there is an approximately dust-tight relationship between the first attachment portion and the forward end portion of the power tool.

3. An article of claim 1, wherein the dust exit member extends at an angle from the first attachment portion rearwardly of the first attachment portion.

4. An article of claim 2, wherein the first attachment portion is a cylindrical section having an internal diameter such that an interior surface of the cylindrical section makes said approximately dust-tight connection with the forward end portion of the power tool, near a rear end of the cylindrical section.

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5. An article of claim 1, including an attaching member for removably securing the first attachment portion to the power tool.

6. An article of claim 5, wherein the first attachment portion includes a longitudinal slotted opening through which the attaching member extends, permitting a range of adjustment of the first attachment portion longitudinally relative to the power tool, so that the first attachment portion can be used with workpieces of varying thickness.

7. An article of claim 3, wherein the dust exit member is a tube which tapers slightly inwardly from its connection point with the first attachment portion to a free end of the dust exit member.

8. An article of claim 7, wherein said tube is adapted to mate with a fitting for a hose connection to the vacuum device.

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